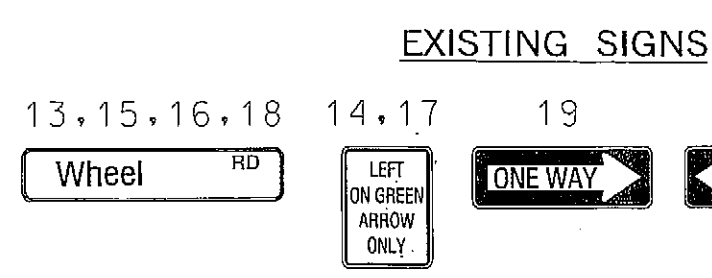


MD 24 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION



**EXISTING SIGN TO BE
RELOCATED (SHOWN
AT FINAL LOCATION)**

**EXISTING SIGNALS
TO BE REMOVED**

**EXISTING SIGNALS
TO REMAIN**

PROPOSED SIGNALS

NEMA PHASING

**FLASHING
OPERATION**

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING
SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED
SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED
DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SHA
RIGHT OF WAY

SHA
RIGHT OF WAY

SHA
RIGHT OF WAY

CONSTRUCTION DETAILS

A. USE EXISTING SPAN WIRE AND REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS AS SHOWN.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9006	14 EACH	12 INCH LED SIGNAL HEAD SECTION
9080	4 EACH	SIGNAL HARDWARE SPAN MOUNT.. 3 OR 4 SECTION ONEWAY

B. EQUIPMENT TO BE INSTALLED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	4 EACH	INSTALL 12 INCH LED SIGNAL HEADS
8002	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL



**WHITMAN, REQUARDT
& ASSOCIATES, LLP**
801 South Caroline Street, Baltimore, Maryland 21231

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 + 5	←	←	←	←	←	←	←	←	←	←	←	←
1 + 5 CHANGE	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 1 + 6	←	←	←	←	←	←	←	←	←	←	←	←
1 + 6 CHANGE	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 2 + 5	←	←	←	←	←	←	←	←	←	←	←	←
2 + 5 CHANGE	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 2 + 6	←	←	←	←	←	←	←	←	←	←	←	←
2 + 6 CHANGE	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 3	←	←	←	←	←	←	←	←	←	←	←	←
3 CHANGE	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 4	←	←	←	←	←	←	←	←	←	←	←	←
4 CHANGE	←	←	←	←	←	←	←	←	←	←	←	←
FLASHING OPERATION	←	←	←	←	←	←	←	←	←	←	←	←

GEOMETRIC LEGEND
— EXISTING
— PROPOSED

UTILITY LEGEND
— SD — STORM DRAIN
— G — GAS MAIN
— W — WATER MAIN
— S — SEWER MAIN
— E — ELECTRIC CABLES
— A — AERIAL CABLES
— T — TELEPHONE CABLES
— F — FIBER-OPTIC

APPROVALS

REVISIONS

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 7/21/1994 CONTRACT NO.

DESIGNED BY G. Simmers COUNTY Harford
DRAWN BY G. Simmers LOGMILE 12002406.22
CHECKED BY D. Doda TMS NO. J532
F.A.P. NO. TOD NO.

TS NO. 3453 B DRAWING TSP-1 OF 1 SHEET NO. 1 OF 1

PLOTTED: 11-30-2009
FILE: n:\9809-035\add\p98-P001_Wheel.dgn